STAFFING the GENERAL HOSPITAL 25 - 100 Beds



U.S. Department of
HEALTH, EDUCATION, and WELFARE
Public Health Service

STAFFING THE GENERAL HOSPITAL 1

25 to 100 Beds

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INTRODUCTION

Now do you staff demoral hospitals up to 100 bedow This question is being asked by hospital and bealth authorities planning hospitals under the Hill-Butten hospital construction program. Of the 4,500 demoral hospitals in the United States on January 1, 1046, 07% were hospitals of 100 beds or less. Of the first 500 new hospitals being built under the program, 600 are 100 beds or less.

To assist these new hospitals as well as existing facilities these staffing guides have been developed.

Many factors which influence the staffing of a hospital become apparent only after the hospital is in operation. Any guide on staffing must of mecessity be based on data obtained from existing hospitals of like type and representing food present-day practice.

These staffing guides were developed from one-day data collected in twenty-two select hospitals of less than 100 beds in different parts of the United States.

To deterate the number of persons required to saidf the hospital, scatter diagrams were plotted for each department of the hospital. The size of the hospital (number of beds and bassinets) was plotted against the number of personnel and the straight line obtained by the method of least squares. To compute the number of mursing personnel, the nursing staff for one day was used and the number adjusted to provide the same daily coverage for a 40.4 44 and Abour veals. We additionate was made in

¹H. F. Hell, Public Health Statistics, p. 281.

²Formula used to calculate nursing staff from 24-hour figures.

a. 24-hour figure x 7/6 = number required for 48-hour week.

b. 24-bour figure x 7/8.5 = number required for 44-hour week.

c. 24-hour figure x 7/5 . number required for 40-hour week.

the number of persons, other than mursing to provide for variance in verweek schedules. No provision was made for additional personnel to provide coverage for vectations or other absences, since this number is dependent woon local versonnel noticis and illness incidence amond employees. ⁵

The expected bed consus, number of bassiness and the bassines census for different size hospitals was determined on the basis of the foliowing correlations: (1) Beds and bed consus; (2) beds with bassiness; and (3) bassiness with bassiness consus.

The exaffing tables can be interpreted as follows: On the basis of the europy of the 28 hospitals, one may expect to find the following in a 26-bed hospital; (1) average bed censue, 16; (8) number of bassimete, 11; (3) bassinet consue, 5; and (4) a staff of 35 people (with the sursing personmet, on a 40-boar vertweek).

Those using these guides should be cognizent of other factors which
may influence the staffing of a hospital, and carefully study and review
their particular situation in relation to:

- (1) The size of the hospital building and grounds.
- (2) The plan and arrangement of the hospital.

personnel required.

(3) The kind, amount, and distribution of supplies and equipment.

Spormula to calculate the number of personnel to cover for lapsed time.

Example: To getermine the number of persons required to provide overage for a set of old persons when each person is off oding a weeks explore, Ten weeks annual vection, in west with lever, one of the set of

- (4) The diagnoses and degree of illness of the patients served.
- (5) The prevailing medical practice including kinds of treatments, nedications, tests, and services required for the patients.
 - (a) The kind and amount of care given the patients.
 - (7) The number and type of surgical operations.
 - (A) The achequie for operations.
 - (9) The kinds and numbers of emergency, accident, or out-patients treated.
 - (10) The segregation of patients.
- (11) The provision of separate personnel for various types of patients or departments.
- (12) The organization, supervision, and flexibility of the personnel.
 - (13) The training and experience of the personnel.

Three guides, supplemental remarks, and statistical data based on the guides are presented:

- A staffing guide for hospitals of various sizes with a nursing staff on a 40-bour workweek.
- (2) A staffing guide for hospitals of various sizes with a nursing staff on a 44-hour workweek.
- (3) A staffing guide for hospitals of various sizes with a nursing staff on a 48-hour workweek.

STAFFING GUIDE FOR THE 25 BED GENERAL HOSPITAL



NUMBER OF PERSONS BY DEPARTMENT

NURSING STAFF ON WORK WEEK OF -

		40 hours	44 hours	48 hours
ADMINISTRATION	A	/	/	1
BUSINESS OFFICE RECORDS	1	2	2	2
MEDICAL - SURGICAL SERVICE	Â	,	1	1
NURSING	ŵ	21	19	18
X - RAY		/	/	/
LABORATORY	ů	1	/	/
DIETARY	₽ PPQ	4	4	4
HOUSEKEEPING	\$	2	2	2
PLANT OPERATION	<u>کیڈ</u>	1	, ,	7 /
LAUNDRY	Å.	,	./	, /

STAFFING GUIDE FOR THE 30 BED GENERAL HOSPITAL



NUMBER OF PERSONS BY DEPARTMENT NURSING STAFF ON WORK WEEK OF

		40 hours	44 hours	48 hours
ADMINISTRATION	A	/	,	/
BUSINESS OFFICE RECORDS	4	2	2 2	
MEDICAL - SURGICAL SERVICE	À	/	,	1:
NURSING	. #	24	22	20
X-RAY	*	1	,	,
LABORATORY	Ĝ.	1	,	,
DIETARY	Ŷ FO	5	. 5	5
HOUSEKEEPING	\$	3	3	3
PLANT OPERATION	۵¢	1 ,	,	
LAUNDRY		1	1	1

STAFFING GUIDE FOR THE 40 BED GENERAL HOSPITAL



NUMBER OF PERSONS BY DEPARTMENT NURSING STAFF ON WORK WEEK OF -

44 hours 48 hours

		40 110073	TT HOURS	40 10013
ADMINISTRATION	74	1	/	,
BUSINESS OFFICE REGORDS		3	3	3
MEDICAL - SURGICAL SERVICE	Ŵ	/	1	7 , 7
NURSING	Ŷ	3/	28	26
X - RAY	Ť	1 %	1	/
LABORATORY	ů ·	1:	1	1/1
DIETARY	₽ ≠q	6	6	6
HOUSEKEEPING		4 1	4	4
PLANT OPERATION		2	2	2
LAUNORY		2	2	2

STAFFING GUIDE FOR THE 50 BED GENERAL HOSPITAL



NUMBER OF PERSONS BY DEPARTMENT

NURSING STAFF ON WORK WEEK OF -

		40 nours	44 nours	48 hours
ADMINISTRATION	*	1	,	/
BUSINESS OFFICE B RECORDS	1	4	4	4
MEDICAL - SURGICAL SERVICE	Â	,	/	/
NURSING	Ŷ	36	33	30
X-RAY	*	/	, ,	,
LABORATORY	Ĝ	1	,	/
DIETARY	\$ po	7	7	7
HOUSEKEEPING	Ů.	5	5	5
PLANT OPERATION		2	2	2
LAUNDRY		3	3	3

STAFFING GUIDE FOR THE 60 BED GENERAL HOSPITAL



NUMBER OF PERSONS BY DEPARTMENT

NURSING STAFF ON WORK WEEK OF -

40 hours	44 hours	48 hours
/,	/	,
4	4	4
M /	1	,
45	40	37
1	,	1
2	2	2
8	8	8
6	6	6
2	2	2
4	4	4
	4 1 45 1 2 2 3 3 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

STAFFING GUIDE FOR THE 70 BED GENERAL HOSPITAL



NUMBER OF PERSONS BY DEPARTMENT

		40 hours	44 hours	48 hours
ADMINISTRATION A		1	/	/ ,
BUSINESS OFFICE RECORDS	4	5	5	5
MEDICAL - SURGICAL SERVICE	Â	1.	/	
NURSING	Ŷ	50	46	42
X - RAY	*	/	,	/ ,
LABORATORY	a c	2	2	2
DIETARY	ŶPQ	9	9	9
HOUSEKEEPING	\$	7	7	7
PLANT OPERATION	ů Å	2	2	2
LAUNDRY	å	4	4	4

STAFFING GUIDE FOR THE 75 BED GENERAL HOSPITAL



NUMBER OF PERSONS BY DEPARTMENT NURSING STAFF ON WORK WEEK OF -

48 hours 40 hours 44 hours ADMINISTRATION BUSINESS OFFICE 6 6 RECORDS MEDICAL - SURGICAL SERVICE 56 51 47 NURSING . 2 X - RAY 2 2 2. 2 2 LABORATORY 10 10 10 DIETARY 8 R HOUSEKEEPING 3 3 PLANT OPERATION 5 5 LAUNDRY

. 11

TAFFING GUIDE FOR THE 80 BED GENERAL HOSPITAL



NUMBER OF PERSONS BY DEPARTMENT NURSING STAFF ON WORK WEEK OF -

		40 10073	44 nours	48 hours
ADMINISTRATION	A	,	,	. /
BUSINESS OFFICE RECORDS	1	6	6	6
MEDICAL - SURGICAL SERVICE	Â	/	,	/
NURSING	Ŷ	57	52	48
X-RAY	*	2	2	2
LABORATORY	٥	2	2	2
DIETARY	Ŷ=	10	10	10
HOUSEKEEPING	*	9	9	9
PLANT OPERATION	۵.	3	3	3
LAUNDRY) H	5	5	5

STAFFING GUIDE FOR THE 90 BED GENERAL HOSPITAL



NURSING STAFF ON WORK

NUMBER OF PERSONS BY DEPARTMENT

WEEK OF -

40 hours 44 hours 4B hours ADMINISTRATION BUSINESS OFFICE 6 6 6 RECORDS MEDICAL - SURGICAL 1 1 SERVICE 57 53 63 **MURSING** 2 X-RAY 2 2 2 LABORATORY " " // **OIETARY** 10 10 10 HOUSEKEEPING 3 3 3 PLANT OPERATION 6 6 6 LAUNORY

CHART "/"

STAFFING GUIDE FOR THE 100 BED GENERAL HOSPITAL



NUMBER OF PERSONS BY DEPARTMENT NURSING STAFF ON WORK WEEK OF -

		40 hours	44 hours	48 hours
ADMINISTRATION	Ä	1	/	1
BUSINESS OFFICE RECORDS	8	7,,	7	7
MEDICAL - SURGICAL SERVICE	Â	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		. I., .
NURSING	Ŷ	70	64	58
X-RAY		2	2	2
LABORATORY	4	3	3	3
OIETARY	Ŷ _P	12	12	12
HOUSEKEEPING	\$	//	//	. //
RLANT OPERATION	0Å	3	3	3
LAUNDRY		6	6	6

UMART U

HOURS OF NURSING CARE PER PATIENT PER DAY IN GENERAL HOSPITALS

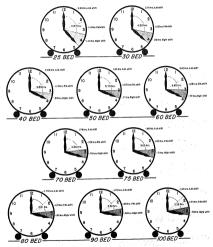


CHART "K"

PERCENT OF NURSING PERSONNEL ASSIGNED BY SHIFT OF SERVICE

- BY SIZE OF HOSPITAL -

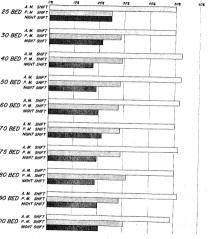


TABLE 1-A

A STAFFING GUIDE FOR HOSPITALS OF VARIOUS SIZES BETWEEN
25 AND 100 BEDS WITH A NUMSING STAFF ON A 40-HOUR WORKMEEK SCHEDULE

SUMMARY OF PERSONS REQUIRED BY SIZE OF HOSPITAL

HOSPITAL SIZES										
No. gcos	25	30	40	50	60	70	. 75	80	90	100
NO. PATIENTS	16	20	28	36	44	52	56	60	68	76
NO. BASSINETS	11_	12	13	15	.17	19	20	21	2.2	2.4
No. NEWBORN	5	- 6	7	_ 6	10	11	_12	13	14	16
PERSONNEL DESIGNATION										
TOTAL	35	40	52	61	74	82	9.4	96	105	116
I. ADMINISTRATION	1		1	1	1	1	- 1			
2. BUSINESS OFFICE & RECORDS				4	4		6	6	6	7
3. MEDICAL-SURGICAL SERVICE ?		1				-		-		
4. MITSING	21	24	21	36	45	10	36	57	63	70
5. X-RAY		1		_						
6. LABORATORY	1	,					2			3
7. DIETARY	4			,			10	10	11	-12
B. HOUSEKEEPING			4			,		,	10	- 11
9 PLANT OPERATION							3		3	
IO. LAUNDRY ³	- 1		2	,	4	4	- 5	3	6	- 6

NUMBER OF BASSINETS AND NUMBER OF PATIENTS BASED ON 22 HOSPITALS STUDIES.

²ANESTHETIST AS REQUIRED BY LOCAL MEDICAL PRACTICE.

³DILETS WHEN HOSPITAL WILL NOT OPERATE A LAUNDRY,

TABLE 1-8 A STAFFING QUIDE FOR HOSPITALS OF VARIOUS SIZES DETMEEN 25 AND 100 BEDS WITH A NURSING STAFF ON A 40-HOUR MORKWEEK SCHEONILE

NUMBER OF PERSO	NS DY 1	TYPE R	COUIRE	5 Y S	zE OF	Hospit	TAL			
HOSPITAL SIZES										
No. Bees	2.5	30	40	50	60	70	75	110	20	100
NO. PATIENTS	16	20	28	35	44	52	56	60	68	76
No. BASSINETS		12	13	15	17	19	20	21	22	
NO. NEVDORN		6	7	9	10	_!!_	12	13	14	16
PERSONNEL DESIGNATION							-	-		
YOTAL	35	40	52	61	7.4	52	94	96	105	116
1. ADMINISTRATION										
ADMINISTRATOR	. 1			1		. 1			1_	
2. BUSINESS OFFICE AND RECORDS										
ACC'TANTS & BODKEECPERS	. 1	1	1	- Jan			1		1	
CLERKS-CASHIERS-STENOS.	- 1	1	. 1	2	2	3	3	3	3	
RECORD LIBEARIAN	0	0	1	1	- 1	1	2		2	- 1
3. MEDICAL SURGICAL SERVICE										
ANESTHETIST	1	- 1	- 1		- 1	1	1	1.	1	
4. NURSING										
GRADUATE NURSES!										
ADMIN SUPV HEAD NES.	1		. 2	2	3	4	4	4	5	
BEDSIDE CARE	9	11	13	16	10	21	2.6	24	27	31
NON-BEDSIDE UNITS	. 1	. 1	2	2	3	3	3	3	3	
NURSE AIDES OR PRACTICAL		-	-		_					-
NURSES										
BEDSIDE CARE	9	9	12	13	. 17	19	20	2.1	2.2	2.0
NON-BERSIDE UNITS	1				1	1	2.		2	
ORDERLIESI										
BEDSIDE CARE AND										
NON-BEDSIDE UNITS	0				_ 2	2			- 4	
5. X-RAY				_						
TECHNICIANS & HELPERS	1			1	- 1	1		2	2	
6 - LABORATORY										
TECHNICIANS & HELPERS	- 1		- 1	1	2	2	2	2	2	1
7. DIETARY								***********		
DISTICIANS & ASST. DIST.	0	0	0	- 1	1	1	1	1	1	1
CODES AND BASERS	2.	. 2	. 2	2	2	2	2	- 1	2	- :
WAITERS AND HELPERS	2	- 3	- 4	- 4	5	0	7	7	0	
8. HOUSEKEEPING										_
Meusikiipina	-	- 1	1	1	-	1	1	-		-
MAIDS & HELPERS	- 1	1	2	3	4	8	5	6	7	-
PORTERS & JAHITORS		- 1	1	1	1	1	2		2	- 8
9. PLANT OPERATION										-
ENGR. MAINTENANCE HEN	1	1	1	7.	2	2		3	3	2
to, LAUNDRY ³										***********
SUPV. & ARRTS.			- 1	3	4	4				

NUMBER OF BASSINETS AND NUMBER OF PATIENTS BASED ON 22 HOSPITALS STUDIED.

DELETE SHEN HOSPITAL BILL HOT DPERATE A LAUNDRY.

TABLE 11-A A STAFFING GUIDE FOR HOSPITALS OF VARIOUS SIZES BETWEEN 25 AND 100 BEDS WITH A NURSING STAFF ON A 44-MOUR WORKMERK SCHEDULE

SUMMARY OF PERSONS REQUIRES BY SIZE OF HOSPITAL

HOSPITAL SIZES										
No. Bros	2.5	30	40	50	60	70	7.5	60	90	100
NO. PATIENTS	16	20	28	36	44	52		60	68	7.6
NO. BASSINETS	_11	12	. 13	15	17	19	10	21	22	24
No. NEWBORN	5	6_	7		10	- 11	12	13	. 14	16
PERSONNEL DESIGNATION										
TOTAL	33	34	49	58	69	78	69	91	99	110
1. ADMINISTRATION			1	1		1			i.	1
2. BUSINESS OFFICE & RECORDS	2	2	3	4	4		4	6	6	,
3. MEDICAL-SURGICAL SERVICE ²	1			- 1	1	1		1		
4. NURSING	19	22	26	33	40	46		52	.57	6.4
5. X-RAY				1	,	1		,	2	
4. LABORATORY	1					2	2	2	2	
7. DIETARY			6	,			10	10		18
B. HOUSEKEEPING	2	3	4			,	_	,	10	- 11
9. PLANT OPERATION						2				
10. LAUNDRY ³		-						5	6	

NUMBER OF BASSINGTS AND NUMBER OF PATIENTS BASED ON 22 HOSPITALS STUDIED.

Specification as required by Local Medical Practice.

Specific when mospital will not operate a Laundry.

TABLE 11-8 A STAFFING GHIDE FOR HOSPITALS OF VARIOUS SIZES BETWEEN 25 AND 100 BEDS WITH A HURSING STAFF ON A 44-HORY WORKHER SCHEDULE NUMBER OF FERSON BY THE PROJECT OF VARIOUS OF VARIOUS CONTRACT.

NOVEER OF PER	50NS 01	TYPE	REQUIT	ED BY	Sizt	F HOS	TAL			
HOSPITAL SIZES										
NO. GEDS	25	30	40	50	60	70	75	80	90	100
NO. PATIENTS	16	20	2.0	36	-44	52	36	60	68	7.6
NO. BASSINETS		12	13	15	17	. 19	20	21	22	24
NO. MENBORN	5	6_	. 7	9	10	11	12	13	1.4	. 10
PERSONNEL DESIGNATION										
TOTAL	33	38	49	5.8	6.9	7.8	59	91	9.9	110
1. ADMINISTRATION						Office States	-			
ADMINISTRATOR			- 1	1		1	1	- 1	1	-
2. BUSINESS OFFICE & RECORDS										
ACC'TANTS & BODEKEEPERS	1	- 1		1	1		1	1	- 1	- 1
CLERKS-CASHIERS-STEROS.	1	1_		2	. 2	3	3	3	3	2
RECORD LISTARIAN	. 0	0	1_	1		1	2	2	2	- 7
3. MEGICAL-SURGICAL SERVICE										
AHESTMETISTE	1.	. 1	-		1	1	1	1		,
4. NURSING					-					
GRADUATE NURSESI										
ABWIN SUPV HEAD NURSES			2	2	3	4	4	4	5	,
BEDSIDE CARE	0	10	12	14	17	19	2.1	22	24	27
NON-DEOSIDE UNITS		-1.	. 2	2	3	3	3	3	3	
NURSES AIDES OF PRACTICAL										-
NURSES										
DESSIDE CARE		. 8	10	13	14	. 17	18	1.6	19	2.2
NON-BERSIDE UNITS		- 1	_ 1_	1	1	1		2	2	- 2
OMDERLIES:										
BEOSIDE CARE AND NON-										
BEOSIDE UNITS	0_	1_			. 2	. 2		3	_4_	4
S. X-RAY										
TECHNICIANS & HELPERS	1	-	1		1	. 1	2	2	2	
6. LABORATORY										
TECHNICIANS & HELPERS			1	1	2	2	2	2	2	,
7. DIETARY										_
DISTIGIANS & ASST. DIST.	0	0	0	1	1	-T			-	-
COOKS AND BAXERS	- 2	2	2	8	- 2	2	2	2	2	
WAITERS & HELPERS	8	3	4	4	5	6	7	7	8	8
8. HOUSEKEEPING			-				_			_
HOUSEKEEPERS	-		-	1	1	-	-	1	1	-
MAIDS & HELPERS	1	-	2	3	4	-	6	6	7	
PORTERS & JANITORS	0	1	1	. 1	- 1	1	- 2	2	2	2
9. PLANT OPERATION										
ENGR MAINTENANCE MEN	1	1	2	2	ž	2	,	3		- 1
O. LAUNDRY ³										
SURY. & ARRES	1	- 1	2	3	4	4	5	-	· ·	- 6
	-	-				-				

NUMBER OF BASSINETS AND NUMBER OF PATIENTS BASED ON 22 HOSPITALS STUDIED.

AS REQUIRED BY LOCAL MEDICAL PRACTICE.

DELETE WHEN MOSFITAL WILL NOT OPERATE A LAUNDRY.

TABLE III-A A STAFFING GUIDE FOR HOSPITALS OF VARIOUS SIZES RETWEEN 25 AND 100 BEGS WITH A NURSING STAFF ON A 48-HOUR WORKMEEK SCHEDULE

SUMMARY OF PERSONS REQUIRED BY SIZE OF HOSPITAL

BPITAL SIZES										
No. Bros	25	10	4D	50	60	70	. 75	80	90	100
No. PATIENTS	16	20	28	36	44	52	56	60	59	76
NO. DASSINETS	_11_	12	13	18	17	19	30	21_	22	24
No. NEWSCHN		- 4			10	- 11	12	13	_14_	16
ERSONNEL DESIGNATION										
DTAL	32	3.6	47	55	6.6	74	85	87	9.5	104
	- T	-		-	-					
I. ADMINISTRATION	1					1			1_	
				Colonia and						
2 . BUSINESS OFFICE & RECORDS	2	2	3	_ 4	4	- 5	- 6	- 6	- 6	7
A STATE OF THE PARTY OF THE PAR	Mary Colombia	-				-				
3. NEOICAL-SURGICAL SERVICE ²	1		. 1.		1		1			
A A A COLOR OF THE PARTY OF THE	-									
4. NURSING	18	20	26	30	37	42	47	48	53	50
THE RESERVE AND DESCRIPTION OF THE PERSON NAMED IN COLUMN TWO IN COLUMN		1841		-						
5. X-RAY		- 1	- 1	. 1_	1_	1	. 2		_ 2	
THE WAY AND THE PARTY OF THE PA	Marie of Street,	200	-	A. A. Service	(manual)	-	-	Jak saure		
6 - LABORATORY		1	1	1	2	2	2	2	. 2	1
are come and a second s	CONT. NUMBER	MANAGE V	The second	Contract of	1700	-	-		NA COLUMN TO A STATE OF THE PARTY OF THE PAR	- Control of the Cont
7. DIETARY	4	- 5	- 6	7			10	10	-11	12
	NOULINA	ALC: U.S.	quiptic takes	ALC: UNITED IN				riple i desserance		-
A . HOUSEKEEPING	8	3	- 4						10	
	-		Harris and	The state of the s	many lay y A		-			
9. PLANT OPERATION	1		2	2		2	2_	3	3	3
	and the last		-	- Contract	-		-	-		
O. LAUNDRY ^S	1		2		4	4	5	- 5	6	- 6
WOUNTED AND THE PARTY OF THE PA		No.			STATE OF THE PARTY	1000 A O Z				

NUMBER OF BASSINETS AND NUMBER OF PATIENTS BASED ON 22 HOSPITALS STUDIED.

DELETE WHEN HOSPITAL WILL NOT OPERATE A LAUNORY.

TABLE III-B A STAFFING GUIDE FOR HOSPITALS OF VARIOUS SIZES BETWEEN 25 AND 100 BEDS WITH A NURSING STAFF ON A 48-HOUR WORKWEEK SCHEDULE

76

NAMED OF PERSONS BY TYPE REQUIRED BY SIZE OF HOSPITAL . 51288 203 80 90 25 ATIENTS¹ 14 52 55 60 2.5 ASSISTED. ENSORN - 6 . 9 10 11 12 13 1416 EL DESIGNATION -INISTRATION KOTARTEININ INESS OFFICE & RECORDS TANTS & BOOKKEEPERS MAISARGEL GRO CAL-SURGICAL SERVICE ING DUATE NURSES! ADMIN. - SUPV. - HEAR NUASES SEDSIDE CARE NW-BEDEIDE UNITS ISES AIDES OR PRACTICAL 1555 ROSIDE CARE ION - BEDSIDE UNITS

EDSIDE CARE AND NON-

EDSIDE UNITS

Υ_

RATORY

HATCIANS & HELPERS ABY TICIANS & ASST. DIET KS AND DAKERS TERS AND MELPERS 5 EKEEPING

DE S HELPERS TERS & JAHITORS T OPERATION R. - MAINTENANCE MEN Day³

ER OF GASSINETS AND NUMBER OF PATIENTS BASED ON 22 HOSPITALS STUDIED. COULEED BY LOCAL MEDICAL PRACTICE.

TE WHEN MOSPITAL WILL NOT OPERATE & LAUNDRY.

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SUPPLEMENTAL REMARKS

1. Administration

The selection of a well-qualified person as hespital Administrator is of paramount importance to the hespital. The administrator is concerned with both business and professional aspects of the hespital. Whatever the background of the person selected for this position, he or she should pessess broad administrative qualifications and training. He will need and must be given an adequate and competent stoff, but when a non-nurse administrator is engaged be usually administers the business aspects of the hespital, and the discotor of surses works closely with him and the sedical staff in the supervision as regulation of the professional activities of the hospital.

. Business Office and Records

No provision was made for a record-librarian in bospitals of less than forty beds aline the record-librarian functions would probably be combined with other stemographic and clerical duties. The adciliatorator often performs some of the duties in the business effice.

Small hospitals cometimes employ an accountant on a part-time

S. Medical-Surgical Service

The employment of anesthetists is dependent upon local medical practice and the number of aurgical operations performed.

Interms and residents are usually not appointed to hospitals of less than 100 bods, "except as affiliates of larger hospitals. Nursing

In selecting the staff for the nursing department a capable director of nurses, an operating room supervisor and an obstetrical supervisor are essential.

The nursing personnel recommended are classified into three groups:

(i) Administration, supervision, and head surres (includes the director of nurses, her aministants, and the had nurses and supervisors of the in-patients units). In hospitals of less that forty had the director of nurses would probably perform some of the functions of the head nurse or supervisor of the in-patient units. Because the head nurse in the small hospital usually performs some bedalde nursing care in addition to her supervisory duties, the number of supervisory nurses recommended is equivalent to full-time persons, i.e., one person recommended for supervision may actually be too surress dividing their time between headside care and supervision.

(a) Non-bedside Unit Personnel (includes the supervisors and other unreaing personnel for the operating room and the central supply room). The number recommended is minimal and will require adjustment in accordance with the number and kinds of surgical operations performed and the extent of service rendered in the central supply room. When only one graduate nurse is provided for the operating room an additional surse would be required from the nursing stuff of the other hospital units at the time surgical operations were being performed. Heny of the routine

functions in these units can be performed by nonprofessional personnel, i.e., nurse-sides or orderlies under the supervision of a graduate nurse.

No provistion was made for full-time personnel for the out-patient or exergency service, since only one hospital visited furnished out-patient service to the attent that a full-time out-patient staff was required.

(g) defined fore Personnel (includes all nursing personnel, exclusive of the supervisors or the head-nurses, for the in-patient units). To provide a minimum coverage of graduate nurses for Nd-hour service, as determined by the study, at least 80 percent of the bedside nursine staff should be graduate nurses. The orderline provided are intended to be sum to perform nursing duties rather than housekeeping functions. The number of orderline is shown in full-time equivalents. When two one divide their time between housekeeping and nursing it is indicated as one orderly and

The number of nursing personnel provided does not include persons for housekeeping duties on in-patient and non-bedside units, since . housekeeping functions should be performed by the housekeeping persons provided.

5-6. I-ray - Laboratory

Personnel in (aboratory and X-ray departments often interchange between the two departments. In the small hospital, two persons engaged for the laboratory and X-ray may be one qualified technician and an assistant to perform the routine duties not requiring a qualified technician. 7. Distay:

Although the dicticism is only included in hospitals with more than forty beds, it is advisable, when possible, to provide a dicticism for all hospitals. When small hospitals are not too widely separated,
one distinct is assesting shared by several hospitals. In some of
the States the services of a commutant distincts or nutritionist is
available to hospitals through the State Board of Health.

Rowsekasping
Rowsekasping

In the small hospital the housekeper must of mocasity perform one routine housekeping functions. Hevertheless, it is important to select a person for this position who is familiar with the principles of good housekeping, and who has the shifty to organize and supervise the housekeping of the hospital in addition to performing some routine tasks.

Where no porter is provided, the duties of this position would probably for delegated to one of the men assigned to plant operation. Plant Operation

When the only men employed by a hospital are assigned to the plant operation department, they usually perform many duties throughout the hospital requiring the services of s man.

Additional maintenance personnel may be required during the summer months to care for the hospital grounds.

Laundry

Whether it is advisable for a small hospital to operate a laundry is debatable.

The personnel recommended for the laundry are intended for hospitals with laundries equipped to provide complete laundry service. Because the number recommended is minimal, it may be necessary to engage

an additional part-time person or furnish assistance as needed from the housekeeping department.

In small hospitals where liness are sent to a comercial laundry, provision is often made within the hospital for the laundering of infant clothing or special articles by some member of the housekeeping skaff.

Additional Personnel Not Included in Guides

Pharmacist
 It is recommended that the services of a pharmacist on a
 consultative or part-time basis be utilized in hospitals of less than

100 beds. 2. Physical Therapist

The inclusion of a physical therapist on the hospital staff would depend on local medical practice.

3. Clerical Personnal

Additional clerical employees are suggested in various sections of the hospital to relieve the professional personnel of routine clerical duties.

4. Out-Patient Personnel

Additional nursing and oleriosi personnel would be required in hospitals operating a full-time out-patient service.

TABLE IV DATA ON HOSPITALS AND HOSPITAL PERSONNEL

BASED ON TABLES I.A. II.A. III.A

HOSPITAL SIZES										
No. BEOS	25	30	40	50	60	70	75	80	20	100
NO. PATIENTS	16	20	28	36	44	52	56	60	88	76
NO. BASSINETS	11	12	13	15	17	19	20	21	22	2.4
No. NEVROIN	5	6	2	2	10	11	12	13	14	16
PERCENT OCCUPANCY										
BED OCCUPANCY		67	70	72	73	74	75		76	
BASSINGT OCCUPANCY	45	50	54	60	59	54	6.0	62	6.4	67
									The state of the s	- Parish Life
40-HOUR WEEK SCHEBULE										
TOTAL NUMBER PERSONNEL	35	40	52	61	7.4	82	9.4	96	105	116
RATIO:										
PERSONNEL TO BEES	171	1+.75	11.77	162	14.01	1 85	160	163	1 86	1 86
PERSONNEL TO BEDS										
AND BASSINETS	1:1.03	1-1.05	1-1.02	1+1.07	1-1.04	1 - 1 - 03	1:1.01	1-1.05	1 - 1 - 07	1-1-07
PERSONNEL TO PATIENTS										age of the last of
EXCLUSING NEWSORK	146	1 50	11.54	11.59	159	163	11.60	11.63	165	1 66
PERSONNEL TO PATIENTS		-	-						-	
INCLUDING NEVBORY	11.60	11.65	11.67	11.74	173	177	11.72	11.76	11.75	1 79
	A1 10 10 10 10 10		1	THE PERSON NAMED IN			- Contract	The same of	Data Marian	Transport Contract Co
44-HOUR WEEK SCHEDULE						-		etius deliver	Data de la constitución de la co	THE REAL PROPERTY.
44-HOUR WEEK SCHEDULE TOTAL NUMBER PERSONNEL	33	38	49	54	49	78	69	91	99	110
	33	-	49		49	78	89		99	110
TOTAL NUMBER PERSONNEL	33	38						91		
TOTAL NUMBER PERSONNEL RATIO:		-	49		49	78	164		99	110
TOTAL NUMBER PERSONNEL RATIO: PERSONNEL TO BEOS	1+.76	38	11.02	1:-86	1 87	1 - 90	184	91	191	191
TOTAL NUMBER PERSONNEL PATIO: PERSONNEL TO BEDS PERSONNEL TO DEDS	1+.76	38	11.02	1:-86	1 87		184	91		
TOTAL NUMBER PERSONNEL PATIO: PERSONNEL TO SEOS PERSONNEL TO DEDS AND RASSINETS	1+.76	38	1+.82	1+1-12	1-1.12	1-1-14	1+1.07	91 1×-08 1×1-11	1+1.13	1+1-13
TOTAL NUMBER PERSONNEL PATIO: PERSONNEL TO BEOS AND EASSINETS PERSONNEL TO PATIENTS	1+1.03	38 178	11.02	1:-86	1 87	1 - 90	184	91	191	191
TOTAL NUMBER PERSONNEL PATIO: PERSONNEL TO BESS AND BASSINETS PERSONNEL TO PATIENTS EXCLUSING NEVOCON	1-1-76	38 178	1+.82	1-1-12	1-1.12	1-1-14	1-1-63	91 1+-88 1+1-11 1+-66	1-1-12	1-1-13
TOTAL NAMED PERSONNEL SATIO PERSONNEL TO BES AND BASSINETS PERSONNEL TO PATIENTS EXCLUSING NEVERON PERSONNEL TO PATIENTS	1-1-76	38 178 1-1.11 183	1+1.08	1+1-12	1-1.12	1-1-14	1+1.07	91 1×-08 1×1-11	1+1.13	1+1-13
TOTAL NAMED PERSONNEL SATIO PERSONNEL TO BES AND BASSINETS PERSONNEL TO PATIENTS EXCLUSING NEVERON PERSONNEL TO PATIENTS	1-1-76	38 178 1-1.11 183	1+1.08	1-1-12	1-1.12	1-1-14	1-1-63	91 1+-88 1+1-11 1+-46	1-1-12	1-1-13
TOTAL NUMBER PERSONNEL MATION PERSONNEL TO BEOS PERSONNEL TO DES AND DASSINETS PERSONNEL TO PATIONTS EXCLUSION ENTYPOOR PERSONNEL TO PATIENTS INCLUSIONS NETWORTH	1-1-76	38 178 1-1-11 185 168	1+1-08	1+1-12 1+-62 1+-78	1-1-12 1-1-14 178	1-1-14 167 181	164	91 1+-88 1+1-11 1+-66 1+-80	1-1-13	191 1-1.13 169
TOTAL NUMBER PERSONNE BATTO! PERSONNE TO STOS PERSONNE TO STOS PERSONNE TO STOS PERSONNE TO PETERS EXCUSIVE REPORT PERSONNE TO PATTERS INCLUSIVE NETWORK 48-HOUR VEEK SCHIDLE	1 76 1 - 1 . 03 1 48 1 64	38 178 1-1.11 183	1+1.08	1-1-12	1-1.12	1-1-14	1-1-63	91 1+-88 1+1-11 1+-46	1-1-12	1-1-13
TOTAL NUMBER PERSONNE MATIO PERSONNE TO BES PERSONNE TO BES AND BASSINETS PERSONNE TO PATIENTS EXCLUSIVE REVERSOR PERSONNE TO PATIENTS INCLUSIVE REVERSOR 48-HOLE VEEK SCHIFFLE TOTAL NUMBER PERSONNE TOTAL NUMBER PERSONNE	1 76 1 - 1 . 03 1 48 1 6a	36 173 1-1-11 153 166	11.42	1:-86 1:1-12 1:-62 1:-78	187 1-1.12 164 178	190 1-1-14 167 181	1+1.07 1+1.03 1+.76	91 1	1+.91 1+1.13 1+.69 1+.63	1+.91 1+1.13 1+.69 1+.84
TOTAL NUMBER PERSONNES SATTO: PERSONNES, TO SEOS PERSONNES, TO DES AND CASSINES PERSONNES PATIENTS EXCLUSIVE PROTECTS INCLUSIVE ACTIONS ASSESSED TO THE TOTAL TOTAL AMMOUNT PERSONNES MATIO.	1 76 1 - 1 . 03 1 48 1 6s	36 173 1-1-11 153 166	11.42	1+1-12 1+1-12 1+-62 1+-78	1-1-12 1-1-14 178	1-1-14 167 181	164	91 1+-88 1+1-11 1+-66 1+-80	1-1-13	191 1-1.13 169
TOTAL NUMBER PERSONNE MATION PERSONNE TO BESS PERSONNE TO BESS AND BASSINETES PERSONNE TO PATIENTS EXCLUSIVE REYSONS PERSONNE TO PATIENTS INCLUSIVE REYSONS THE TOTAL NUMBER PERSONNEL TOTAL NUMBER PERSONNEL MATIO. MATIO.	176 1 - 1 - 03 1 48 1 6a 32 1 78	36 178 1-1-11 183 166 36	11.42 11.1.08 11.57 11.71 47 11.45	1+1-18 1+1-18 1+-62 1+-78 55 191	187 1-1.12 164 178 64	1 · · · 90 1 · 1 · 1 · 14 1 · · · 67 1 · · · 81 74 1 · · .95	1+.64 1+1.07 1+.03 1+.76 85	91 1+-08 1+1-11 1+-60 1+-60 07	1×.91 1×1.13 1×.69 1×.63 95 1×.95	1×.91 1×1.13 1×.69 1×.84 10.4
TOTAL NUMBER PERSONS MITTO PERSONSIL 10 08/03 PERSONSIL 10 08/03 PERSONSIL 10 08/03 AND ADSTORTS AND ADSTORTS EXCUSIVE REPORT EXCUSIVE REPORT TOTAL NUMBER PERSONS MITCOLORS MITCOLORS PERSONSIL 10 08/03 PERSONSIL 10 08/03 PERSONSIL 10 08/03 MITCOLORS PERSONSIL 10 08/03 MITCOLORS	1 76 1 - 1 . 03 1 48 1 6a	36 178 1-1-11 183 166 36	11.42 11.1.08 11.57 11.71 47 11.45	1+1-18 1+1-18 1+-62 1+-78 55 191	187 1-1.12 164 178 64	1 · · · 90 1 · 1 · 1 · 14 1 · · · 67 1 · · · 81 74 1 · · .95	1+.64 1+1.07 1+.03 1+.76 85	91 1+-08 1+1-11 1+-60 1+-60 07	1×.91 1×1.13 1×.69 1×.63 95 1×.95	1+.91 1+1.13 1+.69 1+.84
TOTAL NUMBER PERSONS BOTTO: PERSONSI, 10 MEG) PERSONSI, 10 MEG) PERSONSI, 10 PE	1 76 1 - 1.03 1 48 1 6a 32 1 78 1 78	36 178 1-1-11 183 166 36	11.42 11.1.08 11.57 11.71 47 11.45	1+1-18 1+1-18 1+-62 1+-78 55 191	187 1-1.12 164 178 64	1 · · · 90 1 · 1 · 1 · 14 1 · · · 67 1 · · · 81 74 1 · · .95	1+.64 1+1.07 1+.03 1+.76 85	91 1+-08 1+1-11 1+-60 1+-60 07	1×.91 1×1.13 1×.69 1×.63 95 1×.95	1×.91 1×1.13 1×.69 1×.84 10.4

NUMBER OF PATIENTS AND PERCENT OCCUPANCY DASED ON 22 HOSPITALS SURVEYED.

TABLE V CATA ON NURSING PERSONNEL WITH A NURSING STAFF MORKING A 40-HOUR MORKWEEK BASED ON TABLE 1-A

HOSPITAL SIZES										
No. BEDS	2.5	30	40	50	60	70	75	40	60	100
NO. PATIENTS!	16	20	2.0	26	44	52	56	60	66	76
NO. BASSINETS	11	.12	13	15	17	19	20	21	22	2.4
No. NENDORN		6	7	. 9	. 10	11	12	13	14	16
NO. BEOS & BASSINETS	36	42	53	45	77	69	95	101	112	124
NO. PATIENTS INCL. NEWBORN	21	26	35	45	. 54	. 63	68	.73	62	92
PERCENT TOTAL PERSONNEL										
ASSIGNED TO NURSING	60	60	60	50	. 61	61	60	59	60	60
TOTAL										-
NUMBER NURSING PERSONNEL	21	2.4	31	36	45	50	36	67	63	70
PAGFESSIONAL 2	- 11	15	17	20	25	24	31	31	55	32
NON-PROFESSIONALS	10	- 11	14	18	20	22	2.5	26	2.0	31
								-		THE REAL PROPERTY.
PERCENT NURSING PERSONNEL										
PROFESSIONAL	52	. 54		tid		56	55	54	16	56
NEW-PROFESSIONAL	45	- 44	45	44	44	44	45	46	44	44
AMELYRIS BY ASSIGNMENT										
NUMBER NUMBING PERSONNEL										
TOTAL	21	2.4	31	36	46	50		57	63	70
AGMIN SUPR HEAD NURSES	1	- 1	2	2	3	- 4	4	4		5
NON-BERMINE UNITS	2	2	. 3	3	- 4	4	5	. 5	- 5	- 6
BEDS LOT CARE	16	21	20	31	36	42	47	48	83	59
								E-THEOLOGICAL STREET		THE OWNER OF THE OWNER OWNER OF THE OWNER OWNE
PERCENT NUMBERS PERSONNEL										
AMENSUPRHEAD NURSES	5			- 6	,		7	. 7		7
MON- BEDS I DE UNITS	10	- 0	10	- 6	. 0		0	- 0	- 6	
BIOSIDE CARE	65	65	84	- 04	64	84	84	84	84	6.4
							and the same of		***********	
BATTO NURSING PERSONNEL										
10 DERS										
TOTAL	1-1,19	1-1,25	1-1.24	1-1.39	1-1.33	1-1.40	1-1.34	1-1.40	1-1.43	1-1.43
AMIN SUPR MEAD NURSE	1:25	1 - 30	1 - 2.0	1-25	1-20	1-17-8	1-16.8	1 - 20	1-16	1 - 2/3
HON- GEOSTIE UNITS	1-12.5	1-15	1-13.5	1-16.7	1-15	1-17.5	1-16	1-16	1-10	1-16.7
SCOSIDE CARE	1-1.39	1-1.43	1-1.54	1-1.61	1-1.50	1-1.67	1-1.60	1-1.67	1-1.70	1-1.69
										and the same of
RATTO NURSING PERSONNEL										
ID DEDS AND BASSINETS										
TOTAL	1.1.71	1-1.75	1-1,71	1-1.01	1-1.71	1-1.76	1-1.70	1:1,77	1-1.78	1-1.77
AMIN SUPP HEAD NURSE	1-36	1-42	1-28.5	1 - 32 - 5	1-28.6	1-22.3	1-23.8	1-25.5	1-22.4	1.24.0
NON-SERSIDE UNITS	1-18	1-21	1-17-7	1-21.7	1-19.3	7-22.3	1-19.0	1-20.2	1-22.4	1-20.7
SCOSIDE CARE	1-2	1.2	1-2.04	1-2.10	1-2.03	1-2.12	1-2.02	1-2.10	1-2.11	1-2.10
BATIO NUESTING PERSONNEL TO										
PATIENTS EXCLUSING NEWSORN										
TOTAL	176	1 03	1 10	1-1	1 - 20	1-1.04	1-1	1-1.05	1-1.06	1-1.09
ACHIH SUPR HEAD NURSE	1-16	1 - 2.0	1-14	1-16	1-14.7	1-13	1 - 14	1-15	1-13.6	1-15.2
MON-BEDSIDE UNITS	1-8	1 - 10	1.0.3	1 - 12	1-11	1-13	1-11.2	1-12	1-13-6	1-12.7
BEBSIDE CARE	169	1 45	1-1.06	1-1.15	1 - 1 - 15	1-1.24	1-1.19	1-1.25	1-1.26	1-1.25
RATED BURNING PERSONNEL TO										
PATIENTS INCLUDING NEWSORM										
TOTAL	1-1	1 - 1 .08	1-1.13	1-1.25	1-1.20	1-1.26	1-1.21	1-1.28	1-1,39	1-13-6
ASHIN, - SUPPL - HEAD NURSE	1-21	1 - 26	1-17.5	1-22.5	1-18	1-15.0	1 - 17	1-18.3	1.16.4	
NEW-BEOSTOE UNITS	1-10.5	1-15	1-11.7	1-15.0	1-15.5	1-15.6	1-13.6	1-14.6	1-16.4	1-15.3
EROSTOL CARE	1-1.17	1-1.24	1-1.35	1-1.45	1-1.42	1-1-50	1-1-45	1-1.52	1-1.55	1-1-06

NUMBER OF BASSINETS AND HUMBER OF PATIENTS BASED ON 22 HOSPITALS STUDIED.

PROFESSIONAL NURSES - GRADUATE NURSES (R.N.'S)

HON-PROFESSIONAL MURSING PERSONNEL - INCLUSES PRACYICAL NURSES, NURSES, AIDES AND ORDERLICS.

PARLE VI DATA ON MURSING PERSONNEL WITH A NURSING STAFF WORKING A 44-HOUR WORKWEEK

DATA ON NUR	IS ING PER	SONNEL	A HTIA	HURSING ON TABLE	STAFF W	ORK ING	A 44-HC4	UR WORKS	SEEK	
			SANSEO I	NY TABLE	HIVA					
HOSPITAL SIZES										
NO. BEDS	. 25	30	40	10	60	70	75	40	90	100
NO. PATIENTS	16	20	28	31	44	52	- 35	40	68	76
NO. BASSINETS	11	12	13	15	12	19	20	21	22	24
NO. NEWBORN	. 5	6	7	9	. 10	11	12	13	14	14
No. SEOS & BASSINETS	36	42	53	65	77	49	9.5	101	112	124
NO. PATIENTS INCL. NEWSONS	N 21	26	35	45	54	63	66	73	82	92
PERCENT TOTAL PERSONNEL										
ASSIGNED TO NURSING	57.6	57.9	57.1	55.0	\$8.0	59.0	57.3	57.1	57.6	58.2
								-		-
PROFESSIONAL	19	2.2	26	33	40	46		52	57	64
HON-PROFESSIONAL	10	12	16		23	26	26	26	32	. 26
HOX PROFESSIONAL"		10	12	15	17	20	23	23	25	28
PENCENT NURSING PERSONNEL BY							-			
PROFESSIONAL										
NON-PROFESSIONAL	47.4	54.6	57 - 1	54.5	57.5	54.5	54.9	35.8	56.1	35.2
The state of the s	47.4	45.5	42.9	45.9	42.5	43 . 5	45.1	44.2	43.9	43.8
WALVELS BY ASSISSMENT								-	Marin Control	Parameter of the Parame
SUNDER NURSING PERSONNEL										
TOTAL	19	2.2	28	33	40					
ADMIN SUPE HEAD NURSE	19		26	33	40	46	- 51	52	57	64
NON-GEOSIDE LIVITS	2	2	- 5		- 4			- 4	5	- 6
BEDITOS CARE	16	19	23	28	33	31	42	43	47	53
The second secon			THE REAL PROPERTY.	Total Print		-	44	43	47	53
ERCENT NURSING PERSONNEL										
ADULE SUPE HEAD NURSE	5.3	4.3	7.1	6.0	7.5	4.7	7.0	7.7	0.0	7.6
NON-BEDSIOE UNITS	10.5	9.0	10.7	9.0	10.0	6.7	9.4	1.6	0.6	9.4
BEOSIGE CARE	84.2	44.5	42.2	85.0	42.5	82.6	82.4	82.7	82.4	82.8
	THE RESERVE	_	MIT THE		-	ALERSON STREET	ATT CONTRACT	TO STORAGE	HARRIST THE PARTY NAMED IN	
ATIO NURSING PERSONNEL										
TO BEOS										
OTAL	1-1.32		1-1-49	1-1-52	1-1.50	1-1-52	1+1.47	1:1.54	1-1.50	1-1-56
ACNIH SUPEHEAD NUMBE	1-26	1 - 30	1-20	1:25	1-20	1-17.5	1-18.6	1-20	1-16	1-20
Non-BEDSIOS UNITS	1-12.5	1-15	1-13.3	1-16-7	1-15	1-17.5	1-15	1-16	1-18	1-16.7
BEOSIDE CARE	1-1.56	1 - 1 - 50	1-1.74	1-1.79	1-1.02	1-1.64	1 - 1 . 79	1-1.46	1-1.91	1-1.49
ATLO NUESTIES PERSONNEL					*****	-	and the same	***********	12700	The second second
ATIO NURSING PERSONNEL TO DESS AND BASSINETS										
TO DEDS AND BASSINETS DTAL										
AGMIN SUPR. HEAD NURSE	1-1.49		1-1.69		1-1.93		1-1.86		1-1.96	1-1.94
NON-REDSIGE UNITS	1-36	1-42	1-24-5	1.32.5	1-25.7		1-23.6	1-25.2	1:22.4	1-24-8
SERVICE CARE	1-18	1-2.2	1-17.7	1-21.7	1-19.3	1-22.3	1-19	1-20.2	1-22-4	1 20.7
SCOTISE CARE	114.3	1.5.5	1° E - 3	1:2.3	1-2.3	1-2.3	1-2.3	1-2.35	1-2.4	1-2.3
ATIG NURSING PERSONNEL TO										BIT INVESTOR
ATTENTS EXCLUSING NEWDOWN										
TAL .	184	191	1:1	1:1.00	1-1-10					
ADNIH SUPP HEAD MURES	1-16	1-20	1:14	1-18	2-14.7	1-1-13		1-1.15	1-1-19	1-1.19
NON-BEOSIDE UNITS	1-6	1-10	1.9.3	1:12	1-14.7	1-13	1-14	1-15	1-13.4	1-15.2
BEDBIDE CARE	1.1	1:1.05	1-1.22	1-1.29	1.1.33	1:1.37	1-11.2	1-12	1-13-6	1-12.7
	and the same of	100			11.33	1:1.27	1-1.32	1-1.40	1-1-45	1-1,43
TTO MURSING PERSONNEL TO										
ATTENTS INCLUDING NEWSORK										
TAL	141,111	1-1.16	1-1.25	1:1.34	1-1.35	1:1:32	1/1.22	141.40	1-1.44	1.1.44
ADMIN SUPH HEAD NURSE	1-21		1-17.5				1-17		1-16-4	
NOW-BEDGLEE INLES	1.10 =		1 11 10			3.0	1-17	1-14.3	1019/4	1-10-4

HANSIDE CARE 1-1.31 1-1.37 1-1.52 1-1.61 1-1.64 1

MUNDER OF BASSINETS AND RUMOTE OF PATIENTS BASED ON 22 HOSPITALS STUDIED. PROFESSIONAL NURSES - GRADUATE NURSES (R.M. s).

"NON-PROFESSIONAL NURBERS - GRADUATE NURSES (R.M.S).
"NON-PROFESSIONAL NURBERS PERSONNEL - PRACTICAL NURSES, NURSES, AIDES, AND ORDERLIES.

TABLE VII DATA ON NURSING PERSONNEL WITH A NURSING STAFF WORKING & 48 HOUR WORKNERK BASED ON TABLE 111 A

DATA ON HURS	ING PERC	MARL W	BASED O	N TABLE	III.A	MK ING A	48-1100	H MONTH	E E.K.	
HOSPITAL SIZES										
NO. SEDS	25	30	. 40	50	. 50	70	75	40	90	100
NO. PATIENTS	16	20	- 28	36	44	52	56	60	68	76
NO. PASSINETS		12	13	18	1.7	19	20	21	22	2.4
NO. NEWRORK!	- 5	- 6	. 7	. 9 -	- 10	11	- 12	13	14	16
NO. BEDS & BASSINETS	36	42	53	65	77	40	95	101	112	124
NO. PATIENTS INCL. NEWBORN	21	26	- 25		- 54	- 63	63	7.3	62	92
PERCENT TOTAL PERSONNEL										
APRICHED TO NURSING	56.3	55.6	55.3	54.3	56 - 1	56.0	55.3	55.2	55.4	55.4
TOTAL										
NUMBER NURSING PERSONNEL	18	20	26	30	37	42	47	48	43	16
PROFESSIONAL	10		. 15	17	- 21	- 24	24	27	50	33
NON-PROFESSIONAL 3		. ,	- 11	13	16	18	21	21	23	. 25
PERCENT NURSING PERSONNEL										
										1.1
PROFESSIONAL	55.4	55.0	57.7	56.7	56.4	57.1	55.3	54.3	56.6	56.9
NON-PROFESSIONAL	44.4	45.0	42.3	43.3	43.2	42.9	44.7	43.7	43.4	43.1
ANALYSIS BY ASSIGNMENT										
NUMBER MURBING PERSONNEL										
TOYAL	18	20	26	30	- 37	42	47	40	. 53 .	50
ADMIN-BUPE-HEAD NURSE	1.		2	2		4_	4	4	5	
NON SECULOR UNITS					. 4	4		- 5		- 6
BEDSIOF CARE	15	17	21	25	30	34	31	. 59	43	47
PRACENT NUMBING PERSONNEL										
ADMIN-SUPE-HEAD NURSE	5.6	5.0	7.2	6.7	6.1	9.5	8.5	4.2	9.4	4.6
NON GEDSIDE UNITS	11.1	10.0	11.5	10.0	10.6	9.5	10.6	10.4	9.4	10.4
GEDSIDE CARE	63.3	85.0	80.8	93.3	81.1	\$1.0	80.9	61.3	81.2	81.0
BATIO MUREING PERSONNEL TO BEDS										
TOTAL										
	1-1-39	1-1.50	1-1.54	1+1.67	1-1.42	1:1.47	1-150	1-1.67	1+1.70	1-1.72
ADMIN SUPRIHEAD NURSE	1-25	1-30	1-20	1-25	1-20	1-17.5	1-18.8	1-20	1 - 18	1 - 20
NOW DEDUICE UNITS	1-12.5	1-15	1-13.3	1-16.7	1-15	1-17.5	1+15	1-16	1-18	1-16.7
Brosine Care	1.1.67	1-1.76	1-1.90	1-2	1-2	1.2.06	1+1.97	1-2.05	1.2.09	1-2.13
RATIC NURSING PERSONNEL TO										
GEOS AND RASSINGTS										
TOTAL	1.5	1-2.10	1-2,04	1-2.17	1-2.04	1-2.12	1-2.02	1-2.10	1+2.11	1-2.14
ASHIH-SUFE-HEAD NURSE	1 - 36	1 - 42	1-26.5	1:32.5	1.25.7	1-22.5	1-23.8	1-25.3	1.22.4	1-24.B
NON BEOSIDE UNITS	1.10	1.51	1-17.7	1.21.7	1-19.3	1.22.3		1-20.2	1.22.4	1.20.7
BESSION CARE	1-2.40	1-2.47	1-2.52	1-2.60	1-2.57	1-2.62	1-2.50	1-2.59	1.2.60	1-2-64
BATTO NURSING PERSONNEL TO										
PATIENTS EXCLUSING NEWBORN										
TOTAL	180	1-1	1-1,08	1-1.20	1-1-10	1-1.24	1+1.19	1-1.25	\$-1.28	1-1-31
ADMIN-SUPE-HEAD NUMBE	1-16	1:20	1-14	1+18	1:14:7	1-13	1-14	1-15	1-13.6	1-15.2
NON BEOSIDE UNITS	1-4	1-10	1-9.3	1+12	1:11	1-13	1-11-2	1-12	1-13.6	1-12.7
BEDSIDE CARE	1-1.07	1-1.18	1-1.33	1-1.44	1-1.47	1-1.53	1-1-47	1-1.54	1-1.50	1-1.62
RATIO PERSONNEL TO PATIENTS										
TOTAL		1.752					25			
	1-3.17	1-1-30	1-1.35	1-1.50	1+1.46	1-1.50	1-1-45	1-1.52		1-1.59
AONIN-SUPE-HEAD NURSE	1-21	1 - 26	1 - 17 - 5	1.22.5	1-18	1-15.5	1 - 17	1-10-3	1-16.4	1-10.4
NON BEDSTOR CARE		1-13	1-11.7	1-15	1-13.5	1-15.8	1-13.6	1-14.6	1-16.4	1-15.3
BRORIDE CARE	1-1.40	1-1.53	1-1.67	1-1-80	1-1-66	1-1.05	1-1.79	1-1.07	1-1.91	1-1-96

THE STATE OF THE S

Propressional Numbers Graduate Numbers (R.N's).
Non-Propressional Numbers Personnel - Practical Numbers, Number Aloes, and Ordenlies.

TABLE VIII

DATA ON NURSING CARE AND NURSING SERVICE FOR A :24-HOUR PERIOD WITH THE BEDSIDE

NURSING PERSONNEL	AVAILAS	LE FOR	ONE 24+ 1	OUR PER	100 BAS	ED ON T	ADLES I	A. 11-7	. III-A	
HOSPITAL SIZES										
No. Bros	- 25	30	40	50	60	70	7.5	- 60	20	100
NO. BASSINETS TOTAL BEOS & BASSINETS	11	12	13	15	17	19	50	- 15	32	2.4
NO. PATIENTS	36 16	20	53 20	65	27 44	89 52	95	101	112	76
PRO . NEMBOOM	19	- 10		- 36	10	11	12	13	14	76
TOTAL PATIENTS INCL.										
NEVBORK	21	24	. 35	45		63	- 60	73	5.8	56
BERSIDE NURSING PERSONNEL										
NUMBER										
TOTAL . 24 HOURS	12	14	. 17	21	25	28	31	32	35	39
ASSIGNED A.M. SHIFT ASSIGNED P.M. SHIFT	-	7	9	- 11	13	14	16	14	18	12
Assignee Night Shift			5			8	9	10	10	
MINISTER HIGHT SHITT	-	a-conferre	and the	and the	-	uncident	THE PERSON NAMED IN			- 6
PERCENT BEDSIDE NURSING										
PERSONNEL										
ASSIGNED A.M. SHIFT	50.0	20.0	52.9	52.4 28.6	52.0 28.0	28.6	29.0	31.2	20.6	10.8
ASSIGNED NIGHT SHIFT	25.0	21.5	28.4	19.0	20.0	21.4	19.4	15.0	20.0	20.5
The second second second second second	2010	Per la company	17.7	1910	20.0		10.4	10.0	20.0	20.0
RATIO BEDSIDE NURSING										
PERSONNEL TO:										
PATIENTS INCL. NEVOCAN	1-3.00	1-1.86	1-3.12	1-2-14	1-2.08	1-2.25	1-3.06	1-2.28	1-3.20	1-3.18
PARTIES INCC. REPORTS	111.70	1.1.66	112.05	1-2-14	112.08	112.25	112.19	112.20	112.24	1 - 2 . 35
AVERAGE HOUSE OF EXISTING CARE										
PER PATIENT INCL. MENEORH										
TOTAL 24 HOURS										
A.M. SHIFT	2.29	2.15	2.06	1.95	3.85	3.56	3.45	3.51	1.76	3.39
P.M. Sairt	1.14	1.23	1.14	1.07	1.00	1.02	1.04	1.10	. 98	1.04
NIGHT SHIFT	1.14	.92	62	-71	.77	.74	.71	- 66	.66	.70
						and Marrie				
DISTRIBUTION OF BEDSIDE NURSES	IG PERSONN	EL LPROFI	ESSIONYT,	AND NON	- PROFESS	LOWAY DIT	IRING THE	THREE PO	RIODS OF	THE DAY
NUMBER OF PERSONS										
TOTAL 24 HOURS										
PROFESSIONAL	7		10	- 11	14	14	16	. 16	18	20
New-Peoressional	5	4	7	10	- 11	14	15	16	17	19
A.M. SHIFT										
PROFESSIONAL NON-PROFESSIONAL								- 0	9	10
P.M. SHIFT										
PROFESSIONAL	2	. 2	3	3	4	4	5	5		4
NON-PROFESSIONAL	1	2	2	1	3	4	- 4	5	- 1	6
NIGHT SHIFT										
PROFESSIONAL NON-PROFESSIONAL			- 2		- 3				- 4	-+
- THE PROPERTY OF THE PARTY OF	digital property	Thatte	_		- 2	3	3	3	3	-4
PERCENT OF CARE BY PRO-										
FESSIONAL AND NON-PROFES-										
STORAL NURSTHE PERSONNEL										
TOTAL 24 HOURS PROFESSIONAL				52.4						
NON-PROFESSIONAL	59.3	42.9	58.0	47.6	56.0 44.0	50.0	51.6	50.0	48.6	51.3
A.M. SHIFT		- 12.3		47.0	46.0	20.0	40.4	20.0	48.0	40.7
PROFESSIONAL	50.0	57.1	35.4	54.5	53.0	\$0.0	50.0	50.0	10.0	52.6
NEW-PROFESSIONAL	50.0	42.9	44.4	45.5	44.2	50.0	50.0	50.0	50.0	67.6
P.M. SHIFT										
PROFESSIONAL	66.7	50.0	49.0	50.0	42.9	50.0	55.6	50.0	50.0	50.0
NEW-PROFESSIONAL NIGHT SHIFT	23.3	\$0.0	49.0	99.0	46,9	50.0	40.4	33.4	50.0	30.10
PROFESSIONAL	55.7	50.0	66.7	59.0	60.0	50.0	50.0		57.1	50.0
NIGHT SHIFT								50.0		50.0

NUMBER OF BASSINETS & NUMBER OF PATIENTS BASED ON 22 HOSPITALS STUDIED.

**HOURS OF CARE INCLUDES DIRECT PATIENT CARE AND RUBSING SERVICE (BASED ON TOTAL SCOTIOE PERSONNEL).

**PROFESSIONAL ROMESC-GROUNTER RUMSES (R.P.15).

NOM-PROFESSIONAL NURSING PERSONNEL-INCLUDES PRACTICAL NURSES. NURSES' ALDES AND DADERLIES.

